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The FEMP Monthly Update is available on the Internet at
www.eren.doe.gov/femp/resources/update.html.

The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Short Term Energy Outlook, Energy Information Administration, January 2002.

EIA reports that total annual electricity demand growth is estimated to have been flat in 2001, but predicted to revive to 0.8 percent in 2002, and to 2.4 percent in 2003 due to an economic rebound.

The economic slowdown has affected natural gas spot wellhead prices. One year ago, prices averaged over \$8.00 per thousand cubic feet, yet now they average only about \$2.30-\$2.50 per thousand cubic feet. Relatively low levels of heating demand in the fourth quarter of 2001 have left natural gas inventories larger than expected. EIA predicts that domestic natural gas production may fall by about 400 billion cubic feet in 2002.

OPEC made an additional oil production cut of 1.5 million barrels per day starting January 1, 2002. EIA forecasts that the cuts will result in oil prices gradually increasing in 2002. The West Texas Intermediate price, which was \$19.40 per barrel in December, is expected to reach the \$25-\$26 range by the end of 2002 and remain steady throughout 2003. Average domestic oil production is expected to decrease by 71,000 barrels per day, or 1.2 percent in 2002, to a level of 5.78 million barrels of oil per day.

EIA reports that in 2001, total domestic petroleum products demand averaged an estimated 19.66 million barrels per day, representing a year-to-year decline of 40,000 barrels per day, or 0.2 percent. Pending final data, EIA reports that 2001 appears to be the first year since 1991 in which total demand for petroleum products has fallen.

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REMINDER!

Have you registered for Energy 2002? The FEMP-sponsored conference is on June 2-5 in Palm Springs, California. For more information or to sign up, see www.eren.doe.gov/femp.

CONGRESSIONAL ACTIVITIES

CONGRESSIONAL SCHEDULE

The Senate Leadership has announced the **tentative** schedule for 2002.

Feb. 18-22	Senate not in session
Mar. 25 - April 5	Senate not in session
May 27-31	Senate not in session
July 1-5	Senate not in session
Aug. 5 - Sept. 2	Senate not in session
Sept. 16	Yom Kippur (no votes)
October 4	Target adjournment

The House of Representatives has released its calendar for 2002 as well.

Feb. 18-22	House not in session
Mar. 25 - April 5	House not in session
May 27-31	House not in session
July 1-5	House not in session
July 29 - Sept. 3	House not in session
October 4	Target adjournment

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FY 2002 APPROPRIATIONS

- See [Attachment A](#) – Status of FY 2002 Appropriations Bills

Several remaining FY 2002 Appropriation bills cleared Congress at the end of December and were signed by the President on January 10, 2002.

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STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

NEW ON THE FEMP HOMEPAGE

The page www.eren.doe.gov/femp/resources/standby_power.html is dedicated to the Standby Power Data Center regarding devices with low standby power. The site links to data center at oahu.lbl.gov.

Refer to the FEMP Home Page for the status of pending authorization bills and summaries of FY 2002 Appropriation bills: www.eren.doe.gov/femp – select “News and Events” and scroll down to Legislative Initiatives. Select from:

- House Authorization Bills
- Senate Authorization Bills
- FY 2002 Appropriation Bills

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

No new legislation of interest to FEMP has been introduced. Congress adjourned in late December and reconvened on January 23.

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HEARINGS OF INTEREST OF FEMP

- See [Attachment B](#) – Hearings of Interest to FEMP

SENATE

Comprehensive Energy Legislation Majority Leader Tom Daschle (D/SD) has announced plans to bring his bill, *S. 1766 – Energy Policy Act of 2002*, to the full Senate for consideration the week of February 11. While most of the Senate Democrats’ comprehensive energy legislation has been incorporated into *S. 1766*, two Democratic-controlled committees are still developing their sections of the bill. The Committee on Finance is completing work on tax-related provisions, and the Committee on Commerce plans to include language providing an increase in Corporate Average Fuel Economy Standards. Unlike the House comprehensive energy bill, *H.R. 4*, which passed the House last August, the Senate Democrats do not address opening the Arctic National Wildlife Refuge (ANWR) for exploration. However, increased pressure is being applied to include such a provision in the Democrats bill due to national security concerns. While Majority Leader Daschle said last year that he would bring his bill to the floor before February 18 (President’s Day), there are concerns that the growing number of hearings regarding the Enron situation may delay completion of the text by the Committees on Commerce and Finance. Meanwhile, Senate Republican-sponsored legislation, *S. 388 and S. 389 – National Energy Security Act of 2001*, has received some Democratic support for opening ANWR, which could jeopardize the Democrats’ proposal.

CAFE Standards Last week, the Subcommittee on Oceans, Atmosphere, and Fisheries (Committee on Commerce, Science, and Transportation) held a hearing on the issue of raising Corporate Average Fuel Economy Standards (CAFE Standards) for automobiles and light duty vehicles. The subcommittee, which is chaired by Senator John Kerry (D/MA), examined

opposing views on the issue. Senator Kerry noted that the automobile industry has focused on performance and acceleration at the expense of fuel economy; he announced plans to begin marking up a bill to increase CAFE standards with the support of some Republicans. However, Republican opponents to a mandatory increase cited the concern over compromising safety for additional fuel efficiency. Chairman Kerry did not provide a date for the mark-up session.

HOUSE AND SENATE

Budget Projections – Both the House and Senate Committees on the Budget received testimony from Dan Crippen, Director of the Congressional Budget Office (CBO). In his testimony, Director Crippen revealed the results of the CBO's latest projections for FY 2003 to FY 2012 as summarized below:

- Current recession and recent laws (e.g., tax credits and additional discretionary spending) “combined to sharply reduce the budget surpluses” projected one year ago by CBO.
- Current projection for FY 2003 to FY 2012 of \$1.6 trillion, down from \$5.6 trillion projected in 2002
- Small deficits for FY 2002 and FY 2003; for FY 2003 a projected deficit of \$21 billion (over 70 percent of deficit from weak economy)
- Surplus of \$2.3 trillion now projected for the period between FY 2003 and FY 2012 (almost have to be realized between FY 2011 and FY 2012)

To view Director Crippen's testimony, visit the CBO web site at www.house.gov/budget/hearings/crippenstmnt012302.pdf. (See related article under Federal Agency Activities, White House.)

Enron and Energy Both the House and Senate held hearings last week on the collapse of Enron, and more hearings are expected in the coming months. Initially, legislators will try to develop a clear understanding of Enron's and Arthur Anderson's accounting practices; however, the various committees and subcommittees will also try to determine the impact the company's demise will have on the energy market. For example, last week, the Senate Committee on Governmental Affairs held a hearing to determine what impact, if any, the Enron situation has had on utility markets. Various utility industry experts provided testimony telling the committee that current checks and balances prevented any immediate problems, while others stressed that they did not anticipate any problems. Senator Joseph Lieberman (D/CT) chairs the committee. In addition, Representative Joe Barton (R/TX), Chairman of the House Subcommittee on Energy and Air Quality (Committee on Energy and Commerce), indicated that he plans to proceed with marking up his utility restructuring bill at some time in February.

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FEDERAL AGENCY ACTIVITIES

WHITE HOUSE

Budget Projections In contrast to CBO projections, Mitch Daniels, the Director of the Office of Management and Budget OMB released the Administration projections. He revealed that the OMB expects a \$106 billion deficit for this year, but anticipates the return of surpluses in FY 2004 and FY 2005 if the President's budget is implemented. Director Daniels said the President's FY 2003 Budget Request will include approximately \$20 plus billion for Homeland Security measures; **specific details will not be released until February 4 when the annual budget request is formally submitted to Congress.**

Administration's Energy Plan On January 22, President George Bush (R) made a visit to several sites in West Virginia. At his stop at the Charleston Regional Airport, the President's remarks included the following:

In order to grow our economy, we've got to have an energy plan.... On the one hand, it says we've got to do a good job on conservation. We've to promote technologies that will enable people to have the same lifestyle without burning as much energy. We've got to figure out ways for our cars to burn less fuel, but be able to be comfortable and be able to let families drive all throughout West Virginia. We've got to conserve energy. But conservation is only one half of the equation. In order to become less dependent on foreign sources of energy, we've got to find and produce more energy at home, including coal.

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ATLANTA REGION

No news of interest to FEMP.

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BOSTON REGION

Utility/DSM Activities

The Department of Veterans' Affairs has selected a new electricity provider for the agency's Healthcare Network for Upstate New York (Buffalo). The agency announced plans to negotiate a one-year agreement with Select Energy for the period between May 1, 2002 and April 30, 2003. For more information on this contract, contact Scott Fiscus at 716-862-8907 and refer to Solicitation Number 528-03-02.

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CHICAGO REGION

No news of interest to FEMP.

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DENVER REGION

No news of interest to FEMP.

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

Utility/DSM Activities

The General Services Administration has announced plans to acquire electricity for six locations in Portland, Oregon. The agency expects to negotiate a one-year contract with three option years' service to begin on March 1, 2002. This announcement is in response to the State of Oregon's program to restructure electric utility service. To obtain additional details, contact Pam Casida at 253-931-7942 and refer to Solicitation Number GS-10P-01-LSC-0103.

Bonneville Power Administration (BPA) announced a "Notice of proposed adjustment" in a recent issue of the *Federal Register*. BPA is guided by the *Northwest Power Act*, which requires the agency to establish and periodically review BPA rates in order to recover costs associated with the acquisition, conservation, and transmission of electric power. In addition, periodic reviews enable BPA to recover the Federal Government's investment in the Federal Columbia River Power System and other BPA-related expenditures. The announced review relates to "Interchange Energy" imbalances, which deals with excess energy exchanged with other organizations under the jurisdiction of the Pacific Northwest Coordination Agreement (PNCA). Because of the volatility of utility rates, BPA proposes linking the interchange energy price to the market energy price to ensure that the agency recovers costs when providing interchange energy to other PNCA participants. To review the announcement, refer to page 2869 of the *Federal Register* for January 22, 2002.

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DEPARTMENT OF STATE

Miscellaneous Facility Activities

The Department's Office of Overseas Buildings Operations has designated April 5 as "Industry Day." The purpose of this event is to identify firms that can provide services, equipment, and supplies for embassy facilities worldwide. The Department's interests include the design and construction of new facilities and the renovation of existing structures, the operation and maintenance of facilities including preventive maintenance, and the acquisition and installation of specialized materials for security purposes. For more information on Industry Day,

contact Patricia Regalo-Warren at 202-875-6282. Industry Day will be conducted at the National Academy of Sciences in Washington, DC, for 10:00 a.m. to 3:00 p.m.

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STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► *Status of Utility-Related Activities*

The North Carolina legislature passed a law providing a tax break on electricity for large manufacturers. The law went into effect on November 29, 2001. (Source: *Tax News Update*, December 20, 2001)

The Florida Department of Environmental Regulation recently began reviewing a number of recommendations for water conservation efforts in the state. The recommendations, which arose from a series of meetings held across the state last year, include requiring more efficient appliances and toilets, enforcing statewide standards for lawn irrigation systems, and capturing and reusing more farm irrigation water. Additionally, one of the top priorities among the sixty recommendations is for utilities to create higher rates for customers who use the most water. “There is interest in the Legislature for picking up some of these recommendations,” said Janet Llewellyn, Deputy Director for Florida’s Division of Water Management. These conservation meetings began after water use in Florida was forecast to increase from 7.2 billion to 9.3 billion gallons of water a day from 1995 to 2020. (Source: *The Tampa Tribune*, January 2, 2002)

Based on reports indicating that a transfer to a fully competitive wholesale market in Arkansas would result in six to 13 percent higher industrial and residential rates, the Arkansas Public Service Commission has recommended postponing deregulation until 2010 or completely repealing the restructuring law. Entergy, a utility that serves 643,000 customers in Arkansas, advocates a delay in restructuring, but not a total repeal of the law. (Source: *Megawatt Daily*, December 28, 2001)

Progress Energy, Dominion North Carolina Power, and Duke Power will submit a proposal to the North Carolina Public Utility Commission to build a green power program. Electric cooperatives and municipal utilities have agreed to participate in the program, which is scheduled to begin by mid-year. (Source: www.advancedenergy.org/greenpower/index.html)

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BOSTON REGION

► *General State Activities*

In early January, New York Governor George Pataki (R) presented the annual *Governor Awards for Pollution Prevention*. IBM received an award for launching a master energy pilot

program that will save the company \$1.2 million a year. Cornell University received an award for utilizing renewable energy produced derived from the Cayuga Lake in its Lake Source Cooling (LSC) project. The project allowed the university to reduce its electric power use by approximately 87 percent. (Source: *Environment News Service*, January 15, 2002)

Several universities in the Boston, Massachusetts, area are completing green design construction projects. When completed, the Massachusetts Institute of Technology's Stata Center will feature underfloor air distribution and operable windows, and Simmons Hall, a new dormitory, will include exposed concrete with waffle-like openings to increase natural ventilation. Also, MIT's new Media Lab extension will include exterior solar screening to reduce air-conditioning load. Harvard University's 240-unit graduate student dormitory complex, now under construction, will have an energy-saving roof, heat-recovery exhaust, low-shade glazing, and a waste management plan. In addition, a project by the Harvard School of Public Health at the Landmark Center boasts the use of electronically managed energy-efficient illumination. For more information, visit www.greendesign.net.

► **Status of Utility-Related Activities**

Effective March 1, 2002, Maine businesses will receive a 20 to 40 percent reduction on their energy bill as a result of new standard offer service rates. The Maine Public Utilities Commission's November 14 request for standard offer bids will result in new rates that are 41 percent to 49 percent lower than the current standard offer rate. After accounting for delivery service charges, businesses will receive rate reductions ranging from 20 to 40 percent. The rate change applies to medium and large commercial and industrial customers of Bangor Hydro and Central Maine Power. Rates are guaranteed for one year. (Source: *Reuters*, January 15, 2002)

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CHICAGO REGION

► **Status of Utility-Related Activities**

The Michigan Public Service Commission enhanced its *Customer Choice and Electricity Reliability Act of 2000* by adding nine new rules to govern the operations of new energy marketers, competitors, and incumbent utilities. A Detroit Edison representative said the directives "broadly resolve uncertainties related to price and conditions for participation" in Michigan's restructured electric market. The new rules address disclosure standards, implementation plans, distribution standards, net stranded costs, and unbundling. (Source: *Michigan Public Service Press Release*, December 20, 2001)

Indiana State Representative Craig Fry (D) will submit a bill to establish the Indiana Public Power and Finance Authority, an agency that would supervise retail and wholesale power prices. While Representative Fry claims that this initiative would not result in deregulation of the Indiana electric market, the authority would have the ability to sell wholesale power to municipalities, rural cooperatives, and investor-owned utilities as well as out-of-state marketers. (Source: *Indianapolis Business Journal*, December 24, 2001)

The Ohio Consumers' Counsel (OCC) released a report card assessing the first year of the state's electric choice program. The report concludes that "the first year of electric choice in Ohio has been generally positive for the state's residential customers, but there is substantial room for improvement." Rob Tongren of the OCC commented that "Certain state and Federal

actions are needed to promote meaningful competition and increase opportunities for savings in all areas of the state. So far, competition and consumer options have been limited primarily to northern Ohio.” (Source: *PR Newswire*, January 9, 2002)

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DENVER REGION

No news of interest to FEMP.

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PHILADELPHIA REGION

► **General State Activities**

Through an energy performance contract commitment with energy services contractor Citizens Conservation Services, the Richmond Redevelopment and Housing Authority (RRHA) in Virginia has saved almost \$65,000 per month on water bills at 4,100 housing units. Instituted in 1999, the contract called for the installation of 3,350 water-saving commodes, 6,700 faucet aerators, 3,350 energy-saving shower heads, 7,000 energy-efficient lighting fixtures, 547 super-efficiency refrigerators, and hundreds of high-efficiency HVAC and boilers. Presently, RRHA is the only housing authority in the State of Virginia with an energy performance contract. (Source: *PR Newswire*, January 15, 2002)

► **Status of Utility-Related Activities**

The Virginia State Corporation Commission (SCC) soon may not be authorized to consider environmental issues when assessing power plant applications. The Senate Commerce and Labor Committee has approved legislation requiring the SCC to defer to other state agencies on environmental, building code, transportation, and public safety matters. While American Electric Power and Dominion Virginia, Virginia’s two largest electric utilities, support the legislation, environmental groups argue that the SCC should preserve their oversight power because of the statewide focus, rather than the regional focus. (Source: *Richmond Times-Dispatch*, January 22, 2002)

PPL Electric Utilities customers in Pennsylvania are benefiting from rate changes that went into effect on January 1st. The rate change is a result of a reduction in the utility’s transition charge, a temporary charge on every customer's bill that helps recover the cost of switching to a competitive environment, and increased state taxes on electric utilities. (Source: *PR Newswire*, December 31, 2001)

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SEATTLE REGION

► **General State Activities**

The State of Washington has revamped its *State Energy Code* to increase energy efficiency requirements for residential windows and insulation, raise efficiency standards for mechanical equipment to current ASHRAE levels, and expand the use of outside air for

cooling buildings. The code revisions are expected to save an amount of energy equal to nearly half of the state's annual residential natural gas consumption, beginning in July 2002. (Source: *ConWeb*, December 20, 2001)

In Oregon, installations of solar water heating systems have jumped 50 percent since 2000. To ensure the quality of installations, the Oregon state legislature passed a law approving a specialty license for solar water heater contractors. The license will go into effect July 1, 2002. (Source: *Associated Press*, December 27, 2001)

► ***Status of Utility-Related Activities***

Beginning March 2, Oregon's deregulation plan will offer regulated rates to residential customers and allow them the opportunity to buy power derived from renewable sources. The law allows business customers to purchase electricity at state-regulated rates in a competitive market until at least 2003. Currently no alternative generators are participating in the market. (Source: *Associated Press*, December 17, 2001)

The Oregon Public Utilities Commission has certified energy service companies Powerex, IdaCorp Energy, and AES NewEnergy to provide electricity to commercial and industrial customers of PGE and PacifiCorp. PacifiCorp customers have until February 7 to decide whether to remain with these alternate suppliers or return to their incumbent utility under regulated rates, while PGE customers were required to make their decision by January 16. PGE has 12,000 large commercial and industrial accounts, 300 of which chose to receive alternate power. (Source: *PowerMarketers*, January 22, 2002)

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UTILITIES AND SUPPLIER ACTIVITIES

GENERAL ANNOUNCEMENTS

Poor economic conditions and the collapse of Enron have caused many energy companies to reassess their plans to build new power plants. Approximately 18 percent of proposed construction projects are expected to be canceled, double the rate from last year at this time. Plants scheduled to be built after 2003 are at the highest risk of cancellation. (Source: *Wall Street Journal*, January 4, 2002)

Last year, output from newly installed wind turbines totaled almost 1,700 megawatts. The new wind units are displacing three million tons of carbon dioxide per year and generating enough electricity to power 475,000 households. The American Wind Energy Association (AWEA) claims that the boost in wind production was due to the *Federal Wind Production Tax Credit* (PTC), which expired on December 31. AWEA warns that future projects will not be completed "unless Congress reinstates the wind energy PTC early in this year's session." AWEA projects that by the year 2020, wind generation will be used to produce six percent of the nation's electricity. For more information on 2001 wind farm projects, visit www.awea.org.

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ATLANTA REGION

► ***Restructuring Activities***

Sempra Energy Solutions and the U.S. Army Southeast Regional Medical Command have launched a \$24 million, 13-year contract to incorporate energy-efficient lighting systems; building-automation systems; heating, ventilating, and air conditioning systems; building envelopes; and steam traps into medical treatment facilities in Georgia at Fort Benning, Fort Gordon, and Fort Stewart; in South Carolina at Fort Jackson; and in Alabama at Fort Rucker. The Medical Command can anticipate \$1.7 million in savings each year. Financing for the project was awarded through the **Department of Energy's Super Energy Service Performance Contracting Program.** (Source: *Business Wire*, January 14, 2002)

► ***Public Benefits Programs***

The Tennessee Valley Authority has completed construction of three of 16 planned wind turbines as part of its Green Power Switch Program. Once all turbines have been constructed, they will collectively generate enough power for 11,900 homes. The utility is also planning a \$25 million energy storage system designed to capture power generated by stronger evening winds and then release it during the day. For more information, visit www.knoxnews.com.

Customers of NCNG, a utility based in Raleigh, North Carolina, may participate in the Energy Efficiency Financing Program, which offers low-interest loans for the purchase of storm windows, doors, insulation, and heating and cooling systems. Customers may apply for loans of up to \$20,000 without closing costs. (Source: *PR Newswire*, January 7, 2002)

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BOSTON REGION

► ***Restructuring Activities***

The Long Island Power Authority (LIPA), a municipal electric utility serving the Long Island and Rockaway Peninsula in Queens, New York, has opened its electric market to retail competition. The utility increased its Energy Bill Credit from 3.5 cents per kilowatt hour to 4.5 cents per kilowatt hour to encourage more energy service providers to enter the market. Three energy service providers, ConEd Solutions, NIMO Energy Marketing, and KeySpan Energy Solutions, will provide electricity to residential and commercial customers in the area. LIPA sponsors a \$170 million Clean Energy Initiative that helps consumers control energy bills. More information on the program can be found at www.lipower.org or by calling 1-800-692-2626.

The Federal Energy Regulatory Commission (FERC) recently approved several natural gas projects that will be located in New England or interconnect with the New England system. New England Gas Association President Thomas M. Kiley noted that "These new projects will further increase system deliverability, flexibility, and reliability and help meet the strong market demand in New England and the Northeast for natural gas." To review a summary of all projects, visit www.nega.com.

► ***Public Benefits Programs***

The New York Power Authority purchased eight fuel cell plants that will power wastewater treatment plants in Staten Island, the Bronx, Queens, and Brooklyn. The fuel cell will run off of waste gas produced in the water treatment process and will provide 900,000 BTU's of heat per hour that can be used for air conditioning, space heating, and hot water heating. (Source: www.utcfuelcells.com/news/archive/121901.shtml)

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CHICAGO REGION

No news of interest to FEMP.

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DENVER REGION

► Restructuring Activities

Enron subsidiaries in Texas have dropped 12,000 of their retail electricity customers because of the collapse of the parent company. The subsidiary will either return their customers to Reliant Energy or TXU Energy or sell the contracts to another power company. (Source: *Fort Worth Star-Telegram*, December 20, 2001)

► Public Benefits Programs

Valmont Industries, Inc., in conjunction with the Omaha Public Power District, completed installation of its new Turbine Lifting Platform (TLP) in Valley, Nebraska, in December 2001. The TLP is a support structure for wind turbines. Valmont claims that the TLP “addresses the challenges posed by the practical limitations of current wind tower designs.... The structure is modular and composed of sections of manageable size, which brings with it several advantages, including expanded corrosion protection options and reduced shipping and construction costs.” (Source: *PR Newswire*, December 21, 2001)

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PHILADELPHIA REGION

► Public Benefits Programs

Backbone Mountain Windpower LLC and Exelon Power Team launched a 65-megawatt wind power facility in Tucker County, West Virginia. The first wind energy plant in West Virginia will go online in December 2002 and the wind power will be marketed to commercial and residential customers in Pennsylvania, New Jersey, and Maryland. (Source: *PR Newswire*, December 28, 2001)

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SEATTLE REGION

► **Public Benefits Programs**

The Oregon Sustainability Solutions Alliance will now provide energy efficient home mortgages to homes built under the Portland General Electric Earth Advantage program. Earth Advantage homes are at least 15 percent more efficient than required by the state energy code. Fannie Mae will provide the financing. (Source: *ConWeb*, December 20, 2001)

Green Mountain Energy has begun supplying Pacific Power and Portland General Electric (PGE) with renewable energy generated from wind and geothermal sources. Pacific Power and PGE will offer three different programs to their customers:

- Renewable Usage Option – Customers buy all of their electricity generated from renewable sources at a cost of \$6-8 more per household per month.
- Habitat Option – Customers pay a monthly contribution to the Pacific Salmon Watershed Fund, in addition to receiving the benefits of the Renewable Usage Option, at a cost of \$8-10 more per household per month.
- Fixed Renewable Option – Customers buy fixed amounts of new wind power in addition to their basic electricity service.

Karen Norris, Oregon Marketing Director for Green Mountain Energy Company said “This is a win-win for Oregonians because they get to choose where their electricity comes from, but they don’t have to switch from the utility they know and trust.” Although Oregon does not revert to a deregulated market until March 1, 2002, utility customers will receive advance information on the renewable power programs available. (Source: *PR Newswire*, January 7, 2002)

The Eugene Water and Electric Board in Oregon has contracted FPL Energy to build the world’s largest single wind farm, an initiative that will produce up to 300 megawatts of power in Phase One. The Stateline Wind Generating Project was funded through a Federal tax credit which reduces the price of wind power by 1.7 cents per kilowatt hour. The 450 turbines began operation on January 1, 2002. The Eugene Water and Electric Board has plans to develop an 80-megawatt wind project near Ellensburg, Washington, that will become operational in 2004. The utility hopes to shift one to two percent of its electric load to renewable energy every year. (Source: *Knight-Ridder Tribune Business News*, December 28, 2001)

Through a successful coupon program, electric companies in Oregon were recently able to give away or sell to consumers nearly two million energy-efficient fluorescent light bulbs. The energy-efficient bulbs use only 25 percent of the energy of standard bulbs. However, a group of Oregon utility representatives and state and local government officials has been formed to address the issue of environmental pollution caused by the disposal of these energy-efficient bulbs, which contain small amounts of mercury. “There’s a general recognition that these bulbs, while they’re energy-efficient, at the same time present a threat to the public health and the environment when they’re broken and disposed of,” said Michael Bender, Executive Director of the Vermont-based Mercury Policy Project. Thus far, lighting manufacturers have reduced the amount of mercury in fluorescents but have yet to find a way to make energy-efficient lighting without mercury. (Source: *The Columbian*, January 15, 2002)

Standard Pacific of San Diego, a home developer in San Diego County, California, has announced a partnership with AstroPower, Inc., to install over 100 solar electric home power systems in San Diego's Standard Pacific Maravu community in San Diego over the next two years. Other energy efficiency installations in the homes will include high-efficiency, tankless hot water heaters; high-efficiency, low-E glass; airtight HVAC systems; and radiant-barrier roof sheathing. Dr. Allen Barnett of AstroPower said that "Standard Pacific is the first major homebuilder to adopt solar electric power as a standard feature for an entire community of new homes." (Source: *PR Newswire*, January 8, 2002)

The Los Angeles Department of Water and Power (LADWP) has begun a new program that will offer the state's highest financial incentive per watt of solar power saved. The Solar Incentives or Rebate Program lowers the price consumers pay for photovoltaic systems by fifty percent or more. The highest-level incentives will lower the price of PV system by six dollars per watt through December 2002. LADWP is installing upwards of 1.5 megawatts of solar systems annually in municipal buildings, and it hopes to see 100 megawatts installed in Los Angeles by 2010. (Source: *EarthVision Environmental News*, January 18, 2002)

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

The National Highway Traffic Safety Administration (NHTSA) will not increase the average fuel efficiency requirements for light trucks, minivans, and sport-utility vehicles this year. The requirements for Model Year 2004 will remain at 20.7 miles per gallon for light trucks and 27.5 miles per gallon for passenger cars. The agency has not acted on the Corporate Average Fuel Economy since 1996, when Congress prohibited funding of any review or research. The ban was lifted this year, yet NHTSA reported they did not have sufficient review time before the April 1 deadline. (Source: *Greenwire*, January 22, 2002; CALSTART, January 22, 2002)

DOE Secretary Spencer Abraham and executives of Ford, General Motors, and DaimlerChrysler introduced the Freedom CAR. In partnership with the "Big Three" Automakers, the Department of Energy will use the Freedom CAR (Cooperative Automotive Research) to promote the development of hydrogen as a primary fuel for cars and trucks. The Freedom CAR replaces the Partnership for a New Generation of Vehicles. (Source: Department of Energy press release, January 9, 2002; Department of Energy press release, January 7, 2002; *EREN Network News*, January 16, 2002)

General Motors unveiled an AUTOnomy fuel cell prototype at the North American International Auto Show. Instead of the traditional internal combustion design, AUTOnomy has a six-inch-thick "skateboard" platform that includes both fuel cells and the vehicle's powertrain. The platform foundation allows for a variety of body types to be easily and economically added during production. (Source: *EV World*, January 24, 2002)

Fuji Heavy Industries, Ltd., will introduce hybrid Subarus in March 2006. By using General Motors Corporation's fuel cell research, Fuji will develop versions of vehicles of all sizes that combine an electric motor with a gasoline engine. (Source: *Greenwire*, January 15, 2002; *Detroit Free-Press*, January 15, 2002)

The Sierra Club, the Center for Biological Diversity, and the Bluewater Network filed suit over the failure of 18 Federal agencies to buy alternative-fuel vehicles. The 1992 *Energy Policy Act* required the Department of Energy to implement a plan to replace 10 percent of U.S. gas consumption by 2000 and 30 percent by 2010. Most Federal agencies barely meet the minimum reduction requirements. (Source: *Environment News Service*, January 3, 2002)

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ATLANTA REGION

No news of interest to FEMP.

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BOSTON REGION

AFV Fleet Acquisitions

Governor George Pataki (R) announced that New York will spend \$4.2 million on clean-fueled buses. Through the *Clean Water/Clean Air Bond Act*, the state will buy 128 compressed natural gas buses and 35 hybrid-electric buses for use in New York City, Syracuse, and Long Island. (Source: www.ccities.doe.gov/whats_new.shtml)

Advanced Vehicle Systems of Chattanooga, Tennessee, announced the sale of eight UltraPower[™] electric buses to New York City. The bus uses a combination of batteries and ultracapacitors. The zero-emission vehicles will serve as shuttles to lower Manhattan. (Source: www.ccities.doe.gov/whats_new.shtml)

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CHICAGO REGION

New Products and Services

Siouxland Energy and Livestock Coop has opened a new 14-million-gallon-per-year ethanol plant in Sioux City, Iowa. Since 2000, several dozen ethanol production facilities have opened. Currently there are 58 ethanol plants with the capacity to produce over 2.3 billion gallons per year. (Source: Renewable Fuels Association press release, January 3, 2002)

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DENVER REGION

No news of interest to FEMP.

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

AFV Fleet Acquisitions

Los Angeles airports have purchased more than 300 new low-emission compressed natural gas taxis. Beginning January 1, airport taxicab operators are required to purchase the low-emission taxis when replacing older gasoline-powered models or adding new vehicles to their fleet. The South Coast Air Quality Management District provided \$3 million in incentive funding. (Source: *Environment News Service*, January 7, 2002).

Infrastructure Activities

The California Energy Commission will fund approximately \$13 million to support natural gas and propane refueling stations for public vehicle fleets. As part of the their Alternative Fuels infrastructure program, which is designed to reduce petroleum based fuels and increase state air quality standards, grant money will provide one-fifth the total cost of city, corporate, and other independent agency alternative fuel infrastructure projects. (Source: www.ccities.doe.gov/whats_new.shtml)

New Products and Services

The California Air Resources Board (CARB) is considering rescinding the diesel option for transit agencies. CARB requires transit agencies to select natural gas, electric, or other alternative fuel vehicles when replacing or expanding their fleets. Diesel vehicles were allowed as an option due to advanced diesel technology, but the industry has failed to provide plans to upgrade engines. (Source: *CALSTART*; January 14, 2002)

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment C](#), *New Technologies*.

SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

Optimal Technologies is now testing its Aempfast™ software, which can view the power grid as a whole and in detail and allow various responses to avoid grid collapse. The software quickly finds blockages in power flow, identifies and directs system adjustments to eliminate congestion points, and reroutes power in mere seconds to avoid blackouts and brownouts. (Source: *Business Wire*, December 17, 2001)

MSC.Software's Simulation Tools can reduced design time to one -fifth and material costs to one-half of the original values. MSC.Software Corp. announced that Beacon Power Corporation, a leading manufacturer of energy storage systems, utilized MSC.Software tools and services to simulate the multifaceted physical stresses associated with a revolutionary energy storage system. (Source: *Business Wire*, December 18, 2001)

Portland-based software maker EZConserve has released the first version of software that ends energy waste from unused PCs. The Surveyor energy management program for PC networks will be introduced in the City of Portland and Portland Public Schools. These organizations have agreed to launch independent evaluation programs for Surveyor, with field trials to determine the product's suitability for use throughout their PC networks. (Source: *Business Wire*, January 16, 2002)

Wattage Monitor, Inc., announced that its consumer information service, which provides electrical rate comparisons among competing electric suppliers, is available in Texas to both residential and business customers. The free nationwide Wattage Monitor service gives customers the ability to enter their zip codes and review specific electrical power pricing options from electric suppliers who have elected to compete in their areas. (Source: *PR Newswire*, January 15, 2002)

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MEETINGS, CONFERENCES, AND TRAINING **WORKSHOPS**

➤ Refer to [Attachment D](#)– *Calendar of Upcoming Events*.

GENERAL ANNOUNCEMENT S

“Ten Shades of Green,” an exhibit sponsored by the Architectural League of New York, is touring the United States through June 2002. The exhibit features photos, blueprints, models, and information about 13 edifices that use the “ten shades,” which encompass such concepts as renewable energy sources, recycling, total life-cycle costing, access and urban context, and low-energy/high-performance, among others. Buildings in the exhibit include a bank, public and private housing, a museum, an office building, and a public hall in Europe, Australia, and North America. “Ten Shades of Green” will be in Salt Lake City, Utah, from January to March 2002 and in Newport Beach, California, from April to June 2002. For more information, go to www.archleague.org.

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ATLANTA REGION

The Southface Energy Institute and Georgia Environmental Facilities Authority are sponsoring a conference, Greenprints 2002, in Atlanta, Georgia, on February 20-23. The main topic will be sustainable design. For more information, see www.southface.org.

The Building Futures Council is sponsoring a conference, Building Futures Council Spring Conference, in Miami, Florida, on February 25-26, 2002. Topics include environmental challenges, education and training, economic management, information technology, and productivity and workforce issues. For more information see www.cbinet.com.

The American Public Power Association is sponsoring a conference, American Public Association Utility Education Course: Demand Side Management: Energy Efficiency in a Competitive Electric Power Market, on May 6-7 in Key West, Florida. For more information, including specific conference topics, call Vanessa Brown at 202-467-2922.

The North Carolina Solar Center is sponsoring a conference, Southeast Green Power Summit, on May 8-9 in Raleigh, North Carolina. Topics will include technologies, marketing, policies, regional cooperation. For more information, go to www.southeastgreenpower.net.

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BOSTON REGION

Edison Electric Institute is holding the EEI Annual Convention/Expo in Boston, Massachusetts, on June 2-4. More detailed information, including conference topics, will soon be available at www.eei.org.

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CHICAGO REGION

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in Chicago, Illinois, on May 6-10. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

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DENVER REGION

The Center for Business Intelligence is sponsoring a conference, FACILITY Energy Cost Management: Reduce Usage; Manage Costs and Risks; Develop a Successful Long-term Program, on January 31-February 1, in New Orleans, Louisiana. For more information, go to www.cbinet.com.

Strategic Research Institute is sponsoring a conference, CBM Water Management Strategies, on February 4-5, in Durango, Colorado. Topics will include water disposal, water technology issues, cost management, and others. For more information, go to www.srinstitute.com/cr221.

The Wirth Chair Sustainability Awards Luncheon will be held in Denver, Colorado, on February 11. The luncheon is to honor outstanding individuals in Colorado's sustainability efforts. For more information, go to www.cudenver.edu/wirthchair.

The Energy and Environmental Research Center and Senator Byron Dorgan (D/SD) are sponsoring a wind power conference, Wind Energy and Rural Development in North

Dakota III, in Grand Forks on February 22. Topics will include the national energy policy, distributed energy resources, energy storage, technology issues, hybrid systems, and others. For more information or to register, go to www.undeerc.org.

The Oklahoma Wind Power Initiative is sponsoring a conference, Oklahoma Wind Power: Emerging Opportunities, on April 11 in Oklahoma City, Oklahoma. For more information, contact Tim Hughes at thughes@ou.edu.

The American Public Power Association is sponsoring a conference, American Public Association Utility Education Course: Restructuring/Competition Update: Lessons Learned from California, on August 1-2, in Snowmass/Aspen, Colorado. For more information, call 202-467-2922.

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PHILADELPHIA REGION

The National Association of State Energy Officials is sponsoring a conference, 2002 Energy Outlook, in Washington, DC, on February 11-13. Topics will include energy policy, environmental concerns, distributed generation, and others. For more information or to register, go to www.naseo.org/events.

The Department of Energy and the National Building Museum are holding a lecture, Improving the K-12 Learning Environment and Saving Energy through EnergySmart Schools in Washington, DC, on February 20. For more information visit www.eren.doe.gov and www.nbm.org.

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in Washington, DC, on April 15-19 and in Valley Forge, Pennsylvania, on July 15-19. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

The Center for Business Intelligence is holding a conference, Restructuring Transmissions Operations, in Alexandria, Virginia, on April 22-23. Topics include market design, regional differences and others. For more information, see www.cbinet.com.

The Center for a New American Dream and TerraChoice Environmental Services, Inc. are co-hosting a North American Green Purchasing Conference, on April 22-25 in Philadelphia, Pennsylvania. Topics will include sustainable design, renewable energy, greening government buildings and others. For more information go to www.newdream.org/procure and www.terrachoice.ca.

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SEATTLE REGION

The Association of Energy Engineers is holding a conference, Energy & Environmental Summit 2002, in San Diego, California, on February 21-22. Topics include distributed generation opportunities, saving energy and enhancing the environment in a metropolitan school district, and various renewable energy and environmental management programs. For more information, go to www.ees2002.com.

Association of Energy Engineers is holding a **Comprehensive Five-Day Training Program for Energy Managers in San Francisco, California, on June 17-21**. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

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MULTIPLE REGIONS

The Federal Energy Management Program is presenting the Energy Management Teleworkshop in three sessions: March 12, March 19, March 26. Topics include EPACT and *Executive Order 13123*, ESCOs, utility financing, utility restructuring, water resource management, energy conservation, and others. For more information, see www.energyworkshops.org/femp

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STUDIES, REPORTS, AND ANALYSES

ALTERNATIVE FUELS AND VEHICLES

Fuel Incentive Programs for Multiple Applications, Fuel Cells Texas, January 2002.

This report examines Federal and state clean vehicle programs and makes recommendations for improving Texas' programs. Recommendations include creating a demonstration program fund, creating a partnership with the Department of Energy for support of the state's R&D and demonstration programs, extending franchise and sales tax credits to individuals and businesses for the purchase of fuel cells, and allowing alternative fuel and fuel cell vehicles to use high-occupancy vehicle lanes. For more information, see www.seco.cpa.state.tx.us/fciachome.htm.

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RENEWABLE ENERGY

Net Metering As An Incentive for Fuel Cell Applications, Fuel Cells Texas, January 2002.

This report presents options to make net metering widely available and to reduce barriers to fuel cell eligibility for Texas net metering programs. Recommendations include expanding eligibility to include commercial applications and simplifying interconnection requirements for small-scale systems. For further information, visit www.seco.cpa.state.tx.us/fciachome.htm.

Incentive Programs for Stationary Fuel Cells, Fuel Cells Texas, January 2002.

The report provides an overview of various incentive programs that could be implemented for stationary fuel cells in Texas. Options include expanding the state's energy efficiency goal to

include fuel cells, creating of a fuel cell portfolio standard, instituting a demonstration program funding program, adopting a fuel cell franchise or property tax exemption, and adopting of a fuel cell sales tax exemption. For more information, see www.seco.cpa.state.tx.us/fciachome.htm.
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UTILITY-RELATED ISSUES

Report on Electric Choice, Maryland Office of People's Counsel, January 2002.

The report concludes that "Maryland's deregulation experience has not produced the expected results." Only 2.6 percent of Maryland's residential customers have switched to an alternate supplier, and only one company solicits new customers. The report suggests increasing the size and scope of the regional transmission organization, allowing municipal power aggregation, revising the Maryland Code of Regulations, and establishing new consumer protection rules. For more information visit www.opc.state.md.us/new/elchoicestatuspress.html

California Energy Markets: Pressures Have Eased, But Cost Risks Remain, California Bureau of State Audits, December 2001.

The report found that, in the scramble to avoid blackouts last spring, the Department of Water Resources "assembled a portfolio of power contracts that presents significant risks that will need careful management to avoid increased costs to customers." Consumer advocates say that the hastily-signed power contracts will continue to plague the state financially unless the contracts are renegotiated. Although Governor Gray Davis (D) would like to renegotiate, he warns that utilities may not want to alter the agreements. To view the report, visit www.bsa.ca.gov/bsa.

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MISCELLANEOUS

Department of Energy – Fundamental Reassessment Needed to Address Major Mission, Structure, and Accountability Problems, General Accounting Office, December 2001.

GAO prepared this report in response to a request from Representatives Sonny Callahan (R/AL) and Peter Visclosky (D/IN), the Chairman and Ranking Minority Member, respectively, of the Subcommittee on Energy and Water Development (Committee on Appropriations) to address DOE's progress in strengthening the agency's management activities. GAO was asked to:

- describe actions taken by DOE to improve its performance in the early to mid-1990s,
- assess DOE progress since then in addressing management weaknesses and improving performance, and
- identify any underlying impediments to more effective management and improved performance at DOE.

To comply with this request, GAO examined over 200 audits and reviews conducted since 1995 on various DOE programmatic and management activities. The list of audits and reviews includes a number of National Performance Review and R&D budget reports as well as reports such as *A Review of Management in the Office of Energy Efficiency and Renewable Energy* (2002), *DOE Fiscal Year 1999 Budget Request for Energy Efficiency and Renewable Energy and*

Financial Management Issues (1998), *Financial Management: Fostering the Effective Implementation of Legislative Goals* (1998), Department of Energy: *Clearer Missions and Better Management Are Needed at the National Laboratories* (1997), Congressional statements by former members of DOE's management team (e.g., Assistant Secretary Dan Reicher), and a myriad of other reports to Congress.

The authors reveal that DOE responded effectively to improving a number of management activities between the early and mid-1990s such as the realignment of DOE field offices and a reduction in overall staffing levels. However, GAO states that DOE "has persistent management weaknesses that have led directly to a wide range of performance problems, including major cost overruns and schedule delays in a variety of noteworthy projects...DOE's performance problems persist because its past reforms were piecemeal solutions whose effect has been muted by three underlying impediments to fundamental improvement: the department's diverse missions, dysfunctional organizational structure, and weak culture of accountability."

The authors recommend at the Secretary of Energy "develop a strategy for realigning its missions, followed by a proposal to the Congress."

To review report number GAO-02-51, refer to the GAO web site at www.gao.gov.

GSA On-Line Procurement Programs Lack Documentation and Reliability Testing, General Accounting Office, December 21, 2001.

This is a memorandum to Stephen Perry, Administrator of the General Services Administration from David Cooper, Director of Acquisition and Sourcing Management for the General Accounting Office. The correspondence is a follow-up to a review conducted by GAO in 2001 on the participation of small businesses in GSA's on-line procurement programs, Advantage! and ITSS. Federal officials can acquire commercial products and services through the two programs. In this memorandum, GAO points out that, although sales through the two on-line programs grew from one-half percent in 1999 to one percent in 2000, the programs "lack basic management controls to ensure the systems produce reliable data, can not be inappropriately modified, and provide continuous service." GAO recommends that GSA undertake the following:

- fully document the procurement systems in accordance with guidelines for government financial management systems
- establish procedures and deadlines for documenting any further changes to either system
- establish procedures to prevent entry of test data into production systems
- develop procedures for periodic examination, validation, and timely correction of FSA Advantage! and ITSS data

To review the memorandum of January 21, 2002, refer to www.gao.gov.

Best Practices – Taking a Strategic Approach Could Improve DOD's Acquisition of Services, General Accounting Office, January 2002.

GAO's Office of Acquisition and Sourcing Management conducted an examination of private sector procurement practices in response to a Senate request by the leadership of the

Subcommittee on Readiness and Management Support of the Committee on Armed Services. The study was conducted in order to learn more about effective measures implemented by the private sector to improve procurement practices, which could in turn be replicated by the Department of Defense. To accomplish this, the GAO team reviewed “alternative” measures taken by several major private sector companies “to manage their service spending to stay competitive, respond to market and stockholder pressures, and deal with economic downturns in key overseas markets.” The companies examined recognized the need to implement alternative procurement measures because:

- the companies did not have a clear understanding of how they or where they spent money,
- individual business units or functions spent funds without corporate-wide coordination, and
- the companies lacked the tools required to procure services to meet their individual business needs.

Companies examined included ExxonMobile, EDDS, Brunswick, and Hasbro. In the report, GAO told the committee that the agency would examine corporate measures as they are applicable to the Department of Defense’s efforts to strategically acquire services. In general, DOD concurred with the GAO report with some exceptions.

To view GAO –02-230, visit the agency web site at www.gao.gov.

Attitudes and Behaviors of Residential Customers About Energy Efficiency, Primen, December 2001.

This study found that U.S. consumers now rank energy efficiency as their most important consideration in shopping for new home appliances. This is a departure from findings in earlier surveys, in which consumers said price had the greatest impact on their purchasing decisions. “We fully expected to identify changes in attitudes about energy efficiency, but we were surprised to find such a seismic shift in consumer thinking,” said Primen’s Gretchen Parker. For more information, go to www.primen.com or call 877-976-4681.

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ATTACHMENT A

STATUS OF FY 2002 APPROPRIATIONS BILLS

(In Billions)

HOUSE

SENATE

Jurisdiction/ FY 2002 Final Funding Level	302(b) Allocations	Bill No.	Full Cmte.	Floor	Conf. Report Passed	302(b) Allocations	Bill No.	Full Cmte.	Floor	Conf. Report Passed
Agriculture \$75.794 * <i>P.L. 107-76</i>	\$ 15.519	<i>H.R. 2330</i>	June 13	July 13	Nov. 13	\$ 16.092	<i>S. 1191</i>	July 17	Oct. 25	Nov. 15
Commerce \$41.635 <i>P.L. 107-77</i>	\$ 38.541	<i>H.R. 2500</i>	July 13	July 19	Nov. 14	\$38.760	<i>S. 1215</i>	July 19	Sept. 13	Nov. 15
Defense \$300.962 <i>P.L. 107-117</i>	\$300.292	<i>H.R. 3338</i>	Oct. 24	Nov. 28	Dec. 20	\$298.568	<i>H.R. 3338</i>	Dec. 4	Dec. 7	Dec. 20
Energy and Water Development \$25.086 <i>P.L. 107-66</i>	\$ 23.704	<i>H.R. 2311</i>	June 25	June 28	Nov. 1	\$ 25.129	<i>S. 1171</i>	July 12	July 19	Nov. 1
Interior \$19.708 <i>P.L. 107-63</i>	\$ 18.941	<i>H.R. 2217</i>	June 13	June 21	Oct. 17	\$ 18.527	<i>H.R. 2217</i>	June 28	July 12	Oct. 17
Labor / HHS \$115.682 <i>P.L. 107-116</i>	\$119.758	<i>H.R. 3061</i>	Oct. 9	Oct. 11	Dec. 19	\$119.000	<i>S. 1536</i>	Oct. 11	Nov. 6	Dec. 20
Military Construction \$10.5 <i>P.L. 107-64</i>	\$ 10.155	<i>H.R. 2904</i>	Sept. 20	Sept. 21	Oct. 17	\$ 9.649	<i>S. 1460</i>	Sept. 25	Sept. 26	Oct. 18
Transportation \$ 14.891 <i>P.L. 107-87</i>	\$ 14.893	<i>H.R. 2299</i>	June 20	June 26	Nov. 30	\$ 15,579	<i>S. 1178</i>	July 12	August 1	Dec. 4
Treasury \$32.493 <i>P.L. 107-67</i>	\$ 16.880	<i>H.R. 2590</i>	July 17	July 30	Oct. 31	\$ 16.972	<i>S. 1398</i>	July 26	Aug 2	Nov. 1
VA/HUD \$ 83.683 \$112.7 <i>P.L. 107-73</i>	\$ 84.159	<i>H.R. 2620</i>	July 17	July 31	Nov. 8	\$ 84.053	<i>S. 1216</i>	July 19	August 2	Nov. 8

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ATTACHMENT B

HEARINGS SCHEDULE

HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>February 5 –</i> Committee on the Budget <i>(NEW)</i>	Jim Nussle (R/IA)	<i>Hearing</i> - The President's Budget for FY 2003	Honorable Mitchell E. Daniels, Jr., Director, Office of Management and Budget	2:30 p.m. Room 210 Cannon House Office Building
<i>February 14 –</i> Committee on Transportation and Infrastructure, Subcommittee on Water Resources and Environment <i>(NEW)</i>	Don Young (R/AK)	<i>Hearing</i> - Agency Budgets and Priorities for FY 2003	N/A	10:00 a.m. 2167 Rayburn House Office Building

SENATE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>January 29 –</i> Commerce, Science, and Transportation <i>(NEW)</i>	Ernest Hollings (D/SC)	<i>Hearing</i> – To receive testimony on CAFE Standards	TBA	9:30 a.m. Room 253 Russell Senate Office Building
<i>January 29 –</i> Committee on Energy and Natural Resources <i>(NEW)</i>	Jeff Bingaman (D/NM)	<i>Hearing</i> – Examination of the implications for consumers and energy markets of the Enron bankruptcy, focusing on maintaining the needed investment and competition in natural gas and electricity production and transmission	Pat Wood (Federal Energy Regulatory Commission), William Nugent (National Association of Regulatory and Utility Commissioners), others	9:30 a.m. Room 216 Hart Office Building
<i>January 29 –</i> Committee on the Budget <i>(NEW)</i>	Kent Conrad (D/ND)	<i>Hearing</i> – Review of certain budgetary issues and the economic outlook of the U.S.	Representatives from The Urban Institute, The Brookings Institution, Griffin, Kubik, Stephens &	10:00 a.m. Room 608 Dirksen Office Building

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
Thompson, Inc				
<i>Week of February 11</i> – Floor Action (NEW – TENTATIVE)	Majority Leader Tom Daschle (D/SD)	Full Senate Consideration – S. 1766 – Energy Policy Act of 2002	N/A	Time – TBA U.S. Capitol

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ATTACHMENT C **NEW TECHNOLOGIES**

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturers Claim	Contact
HVAC			
Network AIR Wall Mount Series Air Conditioning System	American Power Conversion	“Designed to meet the increasing cooling and ventilation needs in telecommunications huts and other equipment shelters. Features include high efficiency.”	www.apcc.com
MicroPleat EC Fan/Filter	Airguard	“Uses 100 W of power at 90 fpm, while standard ac-powered units use up to 400 W at the same rate of flow”	www.airguard.com
Suntube Stainless Series Heater	Solaronics, Inc.	“Reflectional efficiency of 91.7%”	www.solaronicsusa.com
Genesis GC Water Source Heat Pumps	ClimateMaster	“Meets the 2002 Federal minimum efficiency requirements”	www.climatemaster.com
Legend® and Genesis® Gas Boilers	A.O. Smith Water Products Co.	“Legend® boilers have a 90% thermal efficiency and inputs of 500,000 to 1 million Btu and Genesis® boilers have a 84% thermal efficiency and provide inputs of 200,000 to 2.5 million Btu.”	www.hotwater.com
Humicontrol Gas-Powered Steam Humidifier	Carel, LLC	“20% to 100% modulation with combustion efficiency at 94%”	www.dghsystems.com

Technology	Manufacturer	Manufacturers Claim	Contact
Lighting			
SentryMax 15W/ 20W Replacement Auto ON/OFF Bulbs	Maxlite	“Automatic dusk to dawn operation with advanced photocontrol; saves energy – up to 75% savings; long life – lasts 10,000 hours”	www.maxlite.com
Dura-Life Twin Lamp Long Life H.I.D.	Indy Lighting, Inc.	“Offers double the normal operating life between lamp changes through patented design”	www.indylighting.com
Multi-Purpose Light (LED): PL225W1 Illuminator	Delta Light	“Energy efficient, multi-purpose 12V DC light with a CRI of 85 and low infrared emission”	(612) 798-4638, deltalight@eschelon.com Delta Light P.O. Box 202223 Minneapolis, MN 55420.
Compact Fluorescent Lamp (Lightwiz™)	Harmony Lighting Inc.	“Uses 75% less energy than equivalent incandescent; 10,000 hour life reduces replacement costs; Energy Star™ certified and approved for utility programs.”	www.lightsearch.com/ads/product/harmony1.html
Octron XPS (EXtended Performance Super ECOLOGIC T8 Fluorescent Lamps)	Osram Sylvania	“Compared to standard T8 systems, these lamps provide opportunities to reduce maintenance costs, increase light levels up to 14 percent or reduce energy costs up to 19 percent when operated on QUICKTRONIC® PSX programmed start ballast.”	www.sylvania.com
Sylvania Xtreme (High Efficiency, T8 Fluorescent System)	Osram Sylvania	“Provides a 19 percent reduction in power consumption, comparable light output, and twice the lamp life (30,000 hours average rated lamp life) compared to standard instant start T8 systems (15,000 hours average rated	www.sylvania.com

Technology	Manufacturer	Manufacturers Claim	Contact
		lamp life)”	
Softwhite Dulux El Twist (<i>Energy Saving, Medium Base Compact Fluorescent Lamp</i>)	Osram Sylvania	Average rated life 10,000 hours; may save up to 75 percent in energy costs compared to similar output incandescent lamps	www.sylvania.com
Motors			
Aluminum NEMA T-frame Motors	WEG Electric Motors Corp.	“EPACT efficiency ratings; UL recognized”	www.wegelectric.com
SmartMotors	Baldor	Electric motor line.... feature[s] high-efficiency inverter duty motor windings” and other upgrades.	www.baldor.com

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ATTACHMENT D **MEETINGS, CONFERENCES, AND OTHER** **EVENTS**

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
January 30-February 1, 2002	Introduction to FEDS 5.0 and Advanced FEDS Tampa, FL	FEMP
February 11-15, 2002	Comprehensive Five-Day Training Program for Energy Managers Miami Beach, FL	Association of Energy Engineers
February 20-23, 2002	Greenprints 2002: Sustainable Communities by Design Atlanta, GA	Southface Energy Institute and Georgia Environmental Facilities Authority
February 25-26, 2002	Building Futures Council Spring Conference Miami, FL	Center for Business Intelligence
March 11-13, 2002	Distributed Generation and On-Site Power Atlanta, GA	Energy User News, Global Energy Solutions, Energy Central, Scientech, and E-Source
May 6-7, 2002	American Public Power Association Utility Education Course: Demand Side Management: Energy Efficiency in a Competitive Electric Power Market Key West, FL	American Public Power Association
May 8-9, 2002	Southeast Green Power Summit Raleigh, NC	North Carolina Solar Center

BOSTON REGION

DATE	EVENT	SPONSOR
March 20-23, 2002	Building Energy 2002 Medford, MA	Northeast Sustainable Energy Association

DATE	EVENT	SPONSOR
June 2-4, 2002	EEI Annual Convention/Expo Boston, MA	Edison Electric Institute

CHICAGO REGION

DATE	EVENT	SPONSOR
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002
April 16-17, 2002	Federal Utility Partnership Working Group Omaha, NE	FEMP
May 6-10, 2002	Comprehensive Five-Day Training Program for Energy Managers Chicago, IL	Association of Energy Engineers
May 9-11, 2002	National Conference on Building Commissioning Chicago, IL	Portland Energy Conservation, Inc.
July 22-25, 2002	FedFleet 2002 Kansas City, MO	Federal Fleet Policy Council and GSA

DENVER REGION

DATE	EVENT	SPONSOR
January 31 – February 1, 2002	FACILITY Energy Cost Management: Reduce Usage; Manage Costs and Risk; Develop a Successful Long-Term Program New Orleans, LA	Center for Business Intelligence
February 4-5, 2002	CBM Water Management Strategies Durango, CO	Strategic Research Institute
February 7-8, 2002	HVAC&R 101: Fundamentals of Heating, Ventilating, Air Conditioning, and Refrigeration Systems Dallas, TX	Association of Energy Engineers
February 11, 2002	Wirth Chair Sustainability Luncheon Denver, CO	Wirth Chair
February 22, 2002	Wind Energy and Rural Development in North Dakota III	Energy and Environmental Research

DATE	EVENT	SPONSOR
	Grand Forks, ND	Center and Senator Byron Borgan
April 11, 2002	Oklahoma Wind Power: Emerging Opportunities Oklahoma City, OK	Oklahoma Wind Power Initiative
May 12-15, 2002	Eighth National Clean Cities Conference and Exposition Oklahoma City, OK	Department of Energy
August 1-2, 2002	American Public Power Association Utility Education Course: Restructuring/Competition Update: Lessons Learned from California Snowmass/Aspen, CO	American Public Power Association

PHILADELPHIA REGION

Date	Event	Sponsor
February 11-13, 2002	National Association of State Energy Officials (NASEO) 2002 Energy Outlook Conference Washington, DC	National Association of State Energy Officials
February 20, 2002	Improving the K-12 Learning Environment and Saving Energy through EnergySmart Schools Washington, DC	Department of Energy and National Building Museum
February 26-27, 2002	Energy Security: Safeguarding Our Nation's Power Arlington, VA	Strategic Research Institute
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
March 25-27, 2002	Sixth National Symposium on Market Transformation Washington, DC	American Council for an Energy Efficient Economy
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers
April 15-19, 2002	Comprehensive Five-Day Training Program for Energy Managers Washington, DC	Association of Energy Engineers

Date	Event	Sponsor
April 22-23, 2002	Restructuring Transmission Operations Alexandria, VA	Center for Business Intelligence
April 22-25, 2002	North American Green Purchasing Conference Philadelphia, PA	The Center for a New American Dream and TerraChoice International
July 15-19, 2002	Comprehensive Five-Day Training Program for Energy Managers Valley Forge, PA	Association of Energy Engineers

SEATTLE REGION

DATE	EVENT	SPONSOR
February 6-8, 2002	Fundamentals of Buying and Selling Energy San Francisco, CA	Association of Energy Engineers
February 11-12, 2002	Technologies for Emerging Energy Policies: Meeting Energy Demand with Secure, Environmentally Friendly Technologies San Francisco, CA	Air and Waste Management Association
February 14-15, 2002	Energy Auditing 101: Identifying Cost-Saving Opportunities in Plants and Buildings Sacramento, CA	Association of Energy Engineers
February 18-22, 2002	Total Commissioning Building Process and The Commissioning Process Supporting Technology Ontario, CA	University of Wisconsin
February 20-22, 2002	Clean Heavy Duty Vehicles for the 21 st Century: Exploring Trends in Advanced Technologies and Fuels Tempe, AZ	WestStart and the U.S. Army National Army Automotive Center
February 21-22, 2002	Keys to Energy Management Anaheim, CA	Association of Energy Engineers
February 21-22, 2002	Energy & Environmental Summit 2002 San Diego, CA	Association of Energy Engineers

DATE	EVENT	SPONSOR
February 27-March 1, 2002	Seventh Annual National Ethanol Conference San Diego, CA	Renewable Fuels Association
June 2-5, 2002	Energy 2002 Palm Springs, CA	FEMP
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society
June 17-21, 2002	Comprehensive Five-Day Training Program for Energy Managers San Francisco, CA	Association of Energy Engineers
August 18-23, 2002	Teaming for Efficiency Pacific Grove, CA	American Council for an Energy Efficient Economy

MULTIPLE REGIONS

DATE	EVENT	SPONSOR
March 12, 19,26, 2002	Energy Management Teleworkshop Online	FEMP

INTERNATIONAL

DATE	EVENT	SPONSOR
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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